

EXH. B

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1  MMS - - - - - SOASLLELN - - - - - VCI - - - - - ICGEVVOG - - - - - NCV SEQ ID NO 4
1  MKLANWYWLSSAVLATYGFLLVVANNETEELKDERAKDVC PVRLESRGKCE NP_006673_Human
1  MRLPGWLWLSSAVLAACR - AVEEHNLTGLEDDASAQAACPARLEGSGRCE NP_032039_Mouse
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29  HH - - - - - STDSSVVNI VEDGSNAKDESKSNDTVCK SEQ ID NO 4
51  EAGECPYQVSLPPLTIQLPKQFSRIEEVFKEVQNLKEIVNSELKSSCQDCK NP_006673_Human
50  GS - QCPFQLTLPPLTIQLPRLGSMEEVLKEVVRTLKEAVDSLKKSQCQDCK NP_032039_Mouse
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59  EDCEESC DV - - - - - TKITREEKHFMCRLN - - - - - NSIVSYTRSTKAL SEQ ID NO 4
101 LQADDNGD PGRNGLLLPS TGAPGLEVDNRVRLESEVN NKLSEELKNAKEE NP_006673_Human
99  LQADDHRD PGGNG - - - - - GNGAETA E - DSRVQEL ESQV NKLSEELKNAKDQ NP_032039_Mouse
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98  LRNMMD - EQQASLDYLSNQVNELMNRVLLLTTEV - - - - - FRKQLDPFP - HRPV SEQ ID NO 4
151 INV LHGRLEKLN LVMNNIENIYVDSKVANLTFV VNSLDGKCSKC PSQEQI NP_006673_Human
144 IQGLQGRLETLH LVMNNIENIYVDNKVANLTVV VNSLDGKCSKC PSQEHM NP_032039_Mouse
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144 QS RGLDCTDIKDTIG - - - - - SVTKTPSGLYTIHPQSSYPFEVMCDMDYRGGG SEQ ID NO 4
201 QS RRPVQHLYIKDCSDYYAIGKRSS ETYRVT PDPKNSS FEVYCDMETMGGG NP_006673_Human
194 QS QPVQHLYIKDCSDHYV LGRRSSGAYRVT PDHRNSS FEVYCDMETMGGG NP_032039_Mouse
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192 WTVIQKRIDGIIIDFORLWCDYLDGFGLLGEFWLGLKKIFYYVHOKNTSP SEQ ID NO 4
251 WTV LQARLDGSTNFTTRTWQDYKAGFGNLRREFWLGN DKIHLLTKSK - - EM NP_006673_Human
244 WTV LQARLDGSTNFTREW KDYKAGFGNLEREFWLGND KIHLLTKSK - - EM NP_032039_Mouse
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242 NLYVALSERDDTLAYASYDFWLEDETRFFKHLGRYSQNAAGDAFRGLKK SEQ ID NO 4
299 ILRIDLED FNGVELYALYDQFYVAN EFLKYRLHVGN YNGT AGDALR - FNK NP_006673_Human
292 ILRIDLED FNGLTLYALYDQFYVAN EFLKYRLHIGN YNGT GGDA LR - FSR NP_032039_Mouse
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292 EDNQHAMPFSTSDVDNDGCRPACLVHQSSVKSCSHLEHKTGWVWFHECOLA SEQ ID NO 4
348 HYNHDLKFF TTPDKDND RYP - - - - - SG - - - - - NCGLY YSSGWWFDA CLSA NP_006673_Human
341 HYNHDLRFETTPDRDND RYP - - - - - SG - - - - - NCGLY YSSGWWFDS CLSA NP_032039_Mouse
    PS00514

342 NLNG - THHPSGKLLATGIOWGTW - - - - - KNHSPVKIKSVSMKIRRMYNP - YF SEQ ID NO 4
388 NLNGKY YHQKYRGVRNGIFWGTWPGVSEAHPPGGYKSSSFKEAKMMIRPKHF NP_006673_Human
381 NLNGKY YHQKYRGVRNGIFWGTWPGINQAQPPGGYKSSSFKQAKMMIRPKNF NP_032039_Mouse
    PS00514

388 K SEQ ID NO 4
438 KP NP_006673_Human
431 KP NP_032039_Mouse
    
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Decoration 'Decoration #1': Box residues that match SEQ ID NO 4 exactly.

NOTE: Residue numbering refers to the numbering of SEQ ID NO 4.

Underlined Residues = PS00514 PROSITE motif Fibrinogen beta and gamma chains C-terminal domain signature

W-W- [LIVMFYW]-x(2)-C-x(2)-[GSA]-x(2)-N-G

*(asterisks) = Potential serine protease sites (SXXK domain where X is any amino acid residue). J. Immunol. Vol 168: 5170 (2002)

Bolded Residues = Conserved Fibrinogen_C Pfam Domain.

SEQ ID NO 4 (H146 through M382)
 NP_006673_Human (I209 through K435)
 NP_032039_Mouse (I202 thorough K428)